Scope of work

(A) Proposed covering of Open Gantry area between G shed and H shed (2500 sqm shed) with crane and Construction of Lean to Roof in western side of G shed and Eastern side of H Shed in Shell Factory

Construction of 2500 m2 shed

This work broadly involves

- Demolishing cement concrete/RCC work
- Dismantling steel work
- Transporting steel
- Cutting reinforcement
- Boring and Providing 450 mm dia piles
- Earth work in excavation
- Disposal of building rubbish
- Filling earth in plinth,trenches etc
- Supply and filling sand
- CC 1:3:6 in foundation and flooring
- Centering and shuttering for CC
- Design mix concrete in foundation,plinth and in super structure
- Centering and shuttering for RCC
- Encasing rolled steel sections
- Providing expanded metal mesh
- Brick work in cement mortar in foundation,plinth and superstructure
- Plastering with cement mortar
- WPC painting
- Aluminum work in doors,windows,ventilatorsetc
- Providing and fixing glazing
- Providing and fixing MS Grills
- Steel work in built up sections
- Providing and fixing HD bolts
- Structural steel work in single section
- Painting with synthetic enamel paint
- Supply and laying WMM
- Cement concrete pavement
- Providing wind ties
- Painting with aluminum paint
- Supply and bending steel reinforcement
- Supply and fixing air roof vent
- Providing lifeline arrangements
- Providing and fixing permanently colour coated sheet
- Providing and fixing galvalume plain sheet flashings
- Supply and fixing poly carbonate sheets

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- Providing and fixing FRP valley gutter
- Laying crane rails
- Removing/dismantling railways crane girder
- Supply and fixing Electrically operated MS rolling shutter
- Provision of epoxy based heavy duty flooring
- Providing grooves of required size
- Vacuum dewatering
- Carrying out mechanical drowelling
- Demolishing RCC pile caps
- Providing and fixing RCC Gutter
- Supply of high tensile bolts
- Laying hardened flooring

<u>Lean to roof at Western side of G shed 110 m x 6.80 m</u>

- Demolishing cement concrete/RCC work/WBM road
- Dismantling GS sheet/steel work
- Earth work in excavation
- Transporting earth
- Providing and laying CC 1:3:6
- Centering and shuttering for CC
- Design mix concrete in foundation and plinth
- Centering and shuttering for RCC
- Supply and filling sand
- Filling earth in foundation and trench
- Providing and laying WMM
- Providing and laying CC pavement
- Providing and fixing HD bolts
- Structural steel work in built up sections/single section
- Encasing rolled steel sections
- Providing and fixing expanded weld mesh
- Applying priming coat
- Painting with synthetic enamel paint
- White washing old/new work
- WPC painting
- Supply and bending steel reinforcement
- Disposal of unserviceable sheet
- Keeping and grouting bolt holes
- Providing and fixing permanently colour coated sheet
- Providing and fixing galvalume plain sheet flashings
- Supply and fixing UPVC rain water pipe

Lean to roof on the Eastern side of H shed

- Demolishing cement concrete/RCC work/WBM road
- Dismantling GS sheet/steel work
- Demolishing brick work
- Earth work in excavation
- Leading earth
- CC in foundation with shuttering
- Design mix concrete in foundation and plinth including shuttering
- Supply and filling sand
- Filling earth in foundation and trenches
- Providing and laying WMM
- Providing and laying CC pavement
- Providing and fixing HD bolts
- Structural steel work in single/built up sections
- Encasing rolled steel sections
- Providing and fixing expanded weld mesh
- Applying priming coat
- Painting with synthetic enamel paint
- White washing with lime
- WPC painting
- Supply and bending steel reinforcement
- Disposal of unserviceable sheet
- Keeping and grouting bolt holes
- Providing and fixing permanently colour coated sheet
- Providing and fixing galvalume plain sheet flashings
- Supply and fixing UPVC rain water pipe

Proposed construction of 1125 sqm shed near scrap ward in Shell Factory

- Boring and providing cast in situ piles
- Earth work in excavation
- Supply and filling sand
- Filling earth in foundation and trenches
- Providing CC concrete in foundation and flooring
- Centering and shuttering for CC
- Design mix concrete in foundation,plinth and super structure including shuttering
- Encasing rolled steel sections
- Providing and fixing expanded weld mesh
- Brick work in cement mortar in foundation,plinth and superstructure
- Plastering with cement mortar
- Finishing with WPC paint

- Providing and fixing MS grills
- Providing aluminum work for doors,windows and ventilators
- Providing and fixing glazing
- Painting with synthetic enamel paint
- Providing and laying WMM
- Demolishing CC/RCC/brick work
- Disposal of building rubbish
- Dismantling expanded metal
- Providing Cement concrete pavement
- Providing silicon sealant
- Providing and fixing wind ties
- Supply and bending steel reinforcement
- Manufacture,supply and erection of PEB structure
- Providing and fixing permanently colour coated sheet
- Providing and fixing galvalume plain sheet flashings
- Supply and fixing poly carbonate sheets
- Supply and fixing air roof vent
- Supply and fixing upvc rain water pipes
- Vacuum dewatering
- Carrying out mechanical drowelling
- Providing grooves of required size in concrete
- Supply and fixing life line arrangements
- Supply and fixing FRP Gutter
- Supply and fixing Electrically operated rolling shutter
- Providing and fixing galvalumecoloured louver
- Laying hardened floor topping

Provision of lift facility at AWTI

- Boring and casting under eamed piles
- Earth work in excavation
- Leading earth
- Supply and filling sand
- Providing and laying CC up to plinth
- Centering and shuttering for CC
- Design mix concrete in plinth and superstructure
- Centering and shuttering for RCC works
- Brick work in cement mortar
- Plastering with cement morar
- Finishing walls with Premium acrylic smooth exterior paint
- Dismantling doors and windows
- Providing wood work in frames
- Providing and fixing flush door shutters including hardware

- Painting with primer/ synthetic enamel paint /varnishing
- Wall painting with premium acrylic emulsion paint
- Demolishing cement concrete
- Demolishing RCC work/brick work
- Disposal of building rubbish
- Supply and bending steel reinforcement
- Supply and fixing window zebra blinds